

# Notice of Allowability

Applicati n N .

10/045,926

Examin r

Binh C. Tat

Applicant(s)

DOWNER ET AL.

Art Unit

2825

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment on 02/09/04.
2. ☒ The allowed claim(s) is/are 1-17, 19, 20 and 22.
3. ☒ The drawings filed on 09 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE:**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other _____  |

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Dryja on 05/14/04.

The application has been amended as follow:

Claim 1 line 17 after "partition identifier", insert: --, wherein the masterless manner uses the physical port identifiers, the logical port identifiers, and the partition identifiers of the plurality of building blocks by each of the plurality of building blocks at least one of selectively sending to and receiving from other of the plurality of building blocks the physical port identifiers, the logical port identifiers, and the partition identifiers of the plurality of building blocks--.

Claim 14 line 9 after "building blocks", insert: --, wherein the masterless manner uses the physical port identifiers, the logical port identifiers, and the partition identifiers of the plurality of building blocks by each of the plurality of building blocks at least one of selectively sending to and receiving from other of the plurality of building blocks the physical port identifiers, the logical port identifiers, and the partition identifiers of the plurality of building blocks--.

Claim 15 line 1 change "claim 12" to --claim 14--.

Claim 16 line 1 change "claim 12" to --claim 14--.

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Claim 17 line 1 change "claim 12" to --claim 14--.

Claim 18 has been canceled.

Claim 19 line 8 after "the platform", insert: --, wherein the masterless manner uses the physical port identifiers, the logical port identifiers, and the partition identifiers of the plurality of building blocks by each of the plurality of building blocks at least one of selectively sending to and receiving from other of the plurality of building blocks the physical port identifiers, the logical port identifiers, and the partition identifiers of the plurality of building blocks--.

Claim 20 line 1 change "claim 17" to --claim 19--.

Claim 21 has been canceled.

Claim 22 line 1 change "claim 17" to --claim 19--.

#### ***Reasons for Allowance***

The following is an examiner's statement of reasons for allowance:

2. Claims 1-17, 19-20, and 22 are allowed because the prior art does not teach or suggest a method for binding a building block of a platform to a partition in a masterless manner comprising: sending to other building blocks of the platform a first physical port identifier indicating a physical location of the building block in the platform; sending to the other building blocks a first partition identifier indicating the partition of the building block; receiving from the other building blocks second physical port identifiers and second partition identifiers; sending the first physical port identifier and the second physical port identifiers of a subset of the other building blocks to the subset, the second partition identifiers of the subset equal to the first partition identifier; receiving the first physical port identifier and the second physical port identifiers of the subset of the other building blocks from each other building block of the subset;

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sending to the subset of the other building blocks a first logical port identifier indicating a logical location of the building block in the partition indicated by the first partition identifier; receiving from the subset of the other building blocks second logical port identifiers; and, joining the partition indicated by the first partition identifier.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Binh Tat whose telephone number is (571) 272-1908. The examiner can normally be reached on Monday to Friday from 8:30am to 5:00pm.

5. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

Tat Binh

Patent Examiner

May 15, 2004

  
VUTHE SIEK  
PRIMARY EXAMINER